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## ABSTRACT

10 The invention relates to a reformer for reacting fuel (12) and oxidant (16, 18, 20) to into reformat (22). Said the reformer comprises has an oxidizing zone (24) and, a reforming zone (26) and an injection and mixture forming zone between the oxidizing zone (24) and the reforming zone (26). A mixture of fuel (12) and oxidant (16, 18, 20) is delivered to the oxidizing zone (24) and is delivered at least in part to the reforming zone (26) following at least partial oxidation of the fuel (12). According to the invention, fuel Fuel (14) can be additionally delivered to the reforming zone (26) while and heat (28) can be supplied to the reforming zone (26). The invention further relates to in a method for reacting fuel (12) and oxidant (16, 18, 20) to into reformat.

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